IN THE CLAIMS:

1 - 4 (Cancelled)

5. (Previously Presented) The apparatus of claim 30, wherein said pump comprises a piston connected to said brake lever device through an appendix of said brake lever device.

6 - 8 (Cancelled)

9. (Previously Presented) The apparatus of claim 30, wherein said pump comprises a piston connected to said brake lever device through a relevant cable held within a sheath.

10 - 21 (Cancelled)

22. (Previously Presented) A brake controlling apparatus comprising:

a single lug with a first distal end and a second distal end, said first distal end rotatably attached to a single steering stem of a bicycle;

a handlebar with a right handle lever and a left handle lever, said handlebar being fixed to said second distal end;

a brake designed to apply friction to a wheel of said bicycle;

a hydraulic circuit having a first end and a distal second end, said first end connected to said brake; and

a right side fluid-operating pump and a left side fluid-operating pump, both said pumps being encapsulated inside said single lug, each of said pumps having a one side and another side, said one side being connected to said right and left handle levers respectively, and said another side being connected to said second end of said hydraulic circuit, said levers actuating said pumps to push fluid into said hydraulic circuit thereby applying said brake.

23. (Previously Presented) A brake-controlling apparatus according to claim 22, wherein each said pump comprises said piston connected to a respective said lever through an appendix of said lever.

24. (Previously Presented) A brake controlling apparatus according to claim 22, wherein said pump comprises a piston connected to a respective said lever through a connecting rod.

25. (Previously Presented) A brake controlling apparatus according to claim 22, wherein said pump comprises a piston connected to a respective said lever through a relevant cable held within a sheath.

26. (Previously Presented) A brake controlling apparatus according to claim 22, wherein each said pump comprises a piston connected to a respective said lever through a relevant cable held within a sheath, said cable being fixed to the body of said handlebar and said

piston being pushed by said sheath.

27. (Previously Presented) A brake controlling apparatus according to claim 24, wherein a reservoir is provided with a lid which allows said piston to be accessed from the outside.

28. (Previously Presented) A brake controlling apparatus according to claim 22, wherein said pump is connected with a reservoir held in said handlebar or in an integral portion associated with said handlebar.

29. (Currently Amended) A brake arrangement for a bicycle, the arrangement comprising:

a bicycle frame including a steering sleeve;

a brake mounted on said bicycle frame and applying friction to a wheel of the bicycle;

an hydraulic circuit having one end connected to said brake;

a steering stem rotatably mounted in said steering sleeve;

a lug connected to said steering stem, said lug having a first distal end and a second distal end, said first distal end being directly connected to said single steering stem of said bicycle;

a handlebar connected to said second distal end of said lug;

a pump arranged encapsulated inside said lug and connected to another end of said

hydraulic circuit for forcing fluid through said hydraulic circuit, into said brake, and applying friction to the wheel.

30 (Cancelled)

32. (Currently Amended) An arrangement in accordance with claim ~~31~~ 34, wherein:

said pump includes a piston;

said cable includes a sheath, said cable with said sheath being connected at one end to said brake lever device, another end of said sheath being connected to said piston, another end of said cable being fixed to said lug.

33. (New) A brake arrangement for a bicycle, the arrangement comprising:

a bicycle frame including a steering sleeve;

a brake mounted on said bicycle frame and applying friction to a wheel of the bicycle;

an hydraulic circuit having one end connected to said brake;

a steering stem rotatably mounted in said steering sleeve;

a lug connected to said steering stem;

a handlebar connected to said lug;

a pump arranged inside said lug and connected to another end of said hydraulic circuit for forcing fluid through said hydraulic circuit, into said brake, and applying friction to the wheel;

a brake lever device mounted on said handlebar and spaced from said lug, said brake lever device being operatively connected to said pump;

a cable connecting said brake lever device to said pump, said cable transferring motion of said brake lever device to said pump to force the fluid through said hydraulic circuit.

34. (New) A brake arrangement for a bicycle, the arrangement comprising:

a bicycle frame including a steering sleeve;

a brake mounted on said bicycle frame and applying friction to a wheel of the bicycle;

an hydraulic circuit having one end connected to said brake;

a steering stem rotatably mounted in said steering sleeve;

a lug connected to said steering stem;

a handlebar connected to said lug;

a pump arranged inside said lug and connected to another end of said hydraulic circuit for forcing fluid through said hydraulic circuit, into said brake, and applying friction to the wheel;

a brake lever device mounted on said handlebar and spaced from said lug, said brake lever device being operatively connected to said pump, said pump comprising a piston connected to said brake lever device through a relevant cable held within a sheath, said cable being fixed to a body of said handlebar or to an integral portion associated with said handlebar, and said piston being pushed by said sheath.